

Sub C1
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WHAT IS CLAIMED IS:

1. A gene having DNA which is selected from a) or b):
a) DNA having a nucleotide sequence from the 190th position to the 807th position of a nucleotide sequence represented in SEQ.ID NO. 1 of Sequence Listing;
or
b) DNA which hybridizes to DNA of a) under stringent conditions, and encodes a transcription factor capable of altering characters of a plant.

2. A gene encoding a transcription factor which is selected from i) or ii):
i) a transcription factor having an amino acid sequence from the 1st position to the 206th position of an amino acid sequence represented in SEQ.ID NO. 2; or
ii) a transcription factor having an amino acid sequence in which one or more amino acids of i) are subjected to deletion, substitution, or addition, and being capable of altering characters of a plant.

3. A gene according to claim 1, wherein the characters of a plant include one selected from the group consisting of a height of a plant and a length of an internode.

4. A method for producing a transgenic plant, comprising the steps of:
introducing a plant cell with the gene of claim 1; and
regenerating a plant body from the plant cell having the introduced gene.

5. A method according to claim 4, wherein the plant

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belongs to dicotyledon.

6. A method according to claim 5, wherein the plant belongs to Solanaceae.

7. A method according to claim 6, wherein the plant belongs to Petunia.

7 ~~8~~ A method according to claim ³~~7~~, wherein the ^{DNA molecule} ~~gene~~ is incorporated into a plant expression vector.

8 ~~9~~ A transgenic plant produced by the method of claim ³~~8~~.

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